

## ABSTRACT OF THE DISCLOSURE

A vehicle braking system and method of control is disclosed which includes electromagnetic and friction braking functionality. The electromagnetic braking system includes a generator  
5 which supplies power to eddy current devices. Accordingly, the eddy current devices apply a retarding torque on the wheels of the vehicle. In the event the generator produces an amount of power greater than that needed by the electromagnetic braking system, the generator will supply power to a supplemental power source such as a battery.